

COMMERCIAL ITEM DESCRIPTION  
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE, OPEN ENDED,  
WITHOUT FLARED ENTRY, WITH 3 MOUNTING HOLES,  
WITH CONTROLLED INSIDE BEND RADIUS

The General Services Administration has authorized the use of this  
commercial item description (CID) for all federal agencies.

The complete requirements for procuring electrical card holders described herein shall consist of this document and  
the latest issue in effect of A-A-55563A.

CLASSIFICATION. This CID specification sheet uses a classification system which is included in the Part  
Identification Number (PIN) as shown in the following example (see notes).

AA55563	/16	*	*	**	*
┆	┆	┆	┆	┆	┆
┆	┆	┆	┆	┆	┆
CID number	Applicable CID sheet	Material (See 3.4 and table I)	Card holder width/board thickness	Length (See 3.5 and table II)	Finish (See 3.6 and table III)

SALIENT CHARACTERISTICS.

Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified in  
figure 1.

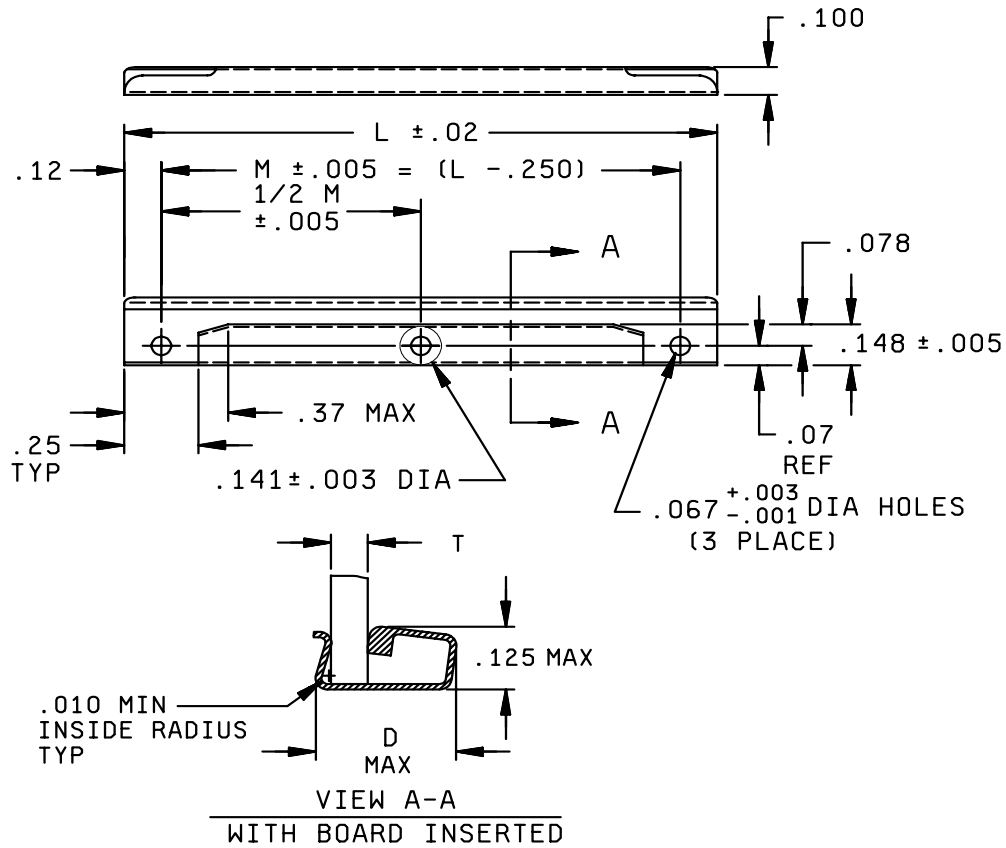
Material type. Materials types shall be defined in table I of A-A-55563. The applicable material type designators for  
this CID specification are A, B, C, or D.

Material thickness. The material thickness shall be .005 inch (0.13 mm) when tested in accordance with A-A-55563.

Card holder width/board thickness. The card holder width/board thickness shall be defined in table I herein and is  
shown in figure 1 as dimensions "D" and "T". The applicable card holder width/board thickness designators for this  
CID specification sheet are A, B, C, or D.

Overall length. Overall length shall be defined in table II of A-A-55563. Overall length is shown in figure 1 as  
dimension "L", and is displayed in table II herein. Applicable overall length designator 20, 25, 30, 35, 40, 45, 50, 55,  
60, 65, 70 or 75 shall be included in the PIN.

Finish. Finish materials types shall be defined in table III of A-A-55563. Applicable finish materials designator A, B,  
C, D, E, F, G, H, I, J, or K, shall be included in the PIN.



Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.015	0.38	.093	2.36	.198	5.03	.360	9.14
.003	0.08	.020	0.51	.125	3.18	.250	6.35	.520	13.21
.005	0.13	.067	1.72	.180	4.57	.310	7.87		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are  $\pm .02$  (0.51 mm), for 2 places and  $\pm .010$  (0.25 mm), for 3 places.

FIGURE 1. Card holder design and dimensions.

TABLE I. Card holder width/board thickness.

Designator	Card holder width <u>1/</u> <u>2/</u> Dimension "D" max		Board thickness <u>1/</u> <u>2/</u> <u>3/</u> Dimension "T" ref		
	Inches	mm		Inches	mm
A	.27	6.85	1/32	.0312	0.76
B	.27	6.85	1/16	.0625	1.52
C	.27	6.85	3/32	.0937	2.29

1/ See dimensions "D" and "T" in view A - A of figure 1.2/ Do not use card holder width/board thickness, dimensions "D" or "T" for PIN construction.3/ Dimension "T" is given as reference.

## NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See the classification section for PIN format example.

Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufacturers of commercial products. At the time of CID specification sheet preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID specification sheet. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>Manufacturer CAGE</u>	<u>Manufacturer name and address</u>	<u>Manufacturer contact information</u>
99378	Atlee Corporation 10 Bayfield Drive North Andover, MA 01845-6096	Tel: (978) 681-1003 Fax: (978) 686-2934 E-mail: qc@atlee.com URL: www.atlee.com
18915	APW Electronic Solutions 14100 Danielson Street Poway, CA 92064-6898	Tel: (858) 679-4550 Toll Free: (800) 854-7086 Fax: (858) 679-4555 E-mail: sales.electronicsolutions@apw.com URL: www.apw.com
65884	Sigmaton, Incorporated 4549 Gateway Circle Dayton, OH 45440-1792	Tel: (937) 435-2129 Fax: (937) 435-6375 E-mail: sigmaton@ameritech.net

Part number (P/N) supersession data. This CID specification sheet supersedes the following manufacturer's P/Ns as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE II. Commercial P/N supersession data.

CID PIN; AA55563/16@#\$\$& <u>1/</u>				Manufacturers <u>2/</u>		
Material type (table I of A-A-55563)	Card holder thickness (table I herein)	Overall length designator (table II of A-A-55563) Inches (mm)	Finish (table III of A-A-55563)	CAGE 99378 <u>3/</u>	CAGE 18915 <u>4/</u>	CAGE 65884 <u>5/</u>
@	#	20 = 2.0 (50.80)	&	11910-M21-01-T-P	35C-7M-T-4-F	<u>5/</u>
@	#	25 = 2.5 (63.50)	&	11910-M21-02-T-P	35C-7M-T-5-F	<u>5/</u>
@	#	30 = 3.0 (76.20)	&	11910-M21-03-T-P	35C-7M-T-6-F	<u>5/</u>
@	#	35 = 3.5 (88.90)	&	11910-M21-04-T-P	35C-7M-T-7-F	<u>5/</u>
@	#	40 = 4.0 (101.60)	&	11910-M21-05-T-P	35C-7M-T-8-F	<u>5/</u>
@	#	45 = 4.5 (114.30)	&	11910-M21-06-T-P	35C-7M-T-9-F	<u>5/</u>
@	#	50 = 5.0 (127.00)	&	11910-M21-07-T-P	35C-7M-T-10-F	<u>5/</u>
@	#	55 = 5.5 (139.70)	&	11910-M21-08-T-P	35C-7M-T-11-F	<u>5/</u>
@	#	60 = 6.0 (152.40)	&	11910-M21-09-T-P	35C-7M-T-12-F	<u>5/</u>
@	#	65 = 6.5 (165.10)	&		35C-7M-T-13-F	<u>5/</u>
@	#	70 = 7.0 (177.80)	&		35C-7M-T-14-F	<u>5/</u>
@	#	75 = 7.5 (190.50)	&		35C-7M-T-15-F	<u>5/</u>

- 1/ At sign (@) denotes material type (see 3.3), pound sign (#) denotes card holder width/board thickness, dimension "D" (see 3.4 and figure 1 herein), dollar signs (\$\$) denotes overall length dimension "L" (see 3.5, figure 1 herein, and A-A-55563), and the ampersand (&) denotes finish (see 3.6).

EXAMPLE PIN: AA55563/16AC20D = Holder, electrical card, metal card guide, low profile, open ended, without flared entry, with center mounting holes; with controlled inside bend radius, base material is beryllium copper 1/4 hard; card holder width/board thickness, dimension "D", is .33 inch (8.38 mm), dimension "T" is .0937 inch (2.29 mm), commonly known as having a board thickness of "3/32"; the overall length is 2.0 inches (50.80 mm), dimension "L"; and the finish is black ebonal.

- 2/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PINs shown. For actual part marking requirements, see the marking paragraph.
- 3/ MFG CAGE 99378 the series type is "11910-M21", the letter "M" denotes material type, the number "1" is the material thickness of .005 inches (0.13 mm), the number "2" denotes the height grip, the numbers "01" through "09" denotes card holder lengths, the letter "T" denotes card holder width/board thickness (designator A or B of table I only), and the letter "P" denotes finish material.
- 4/ MFG CAGE 18915 the series type is "35C-7" (with center mounting hole), the letter "M" denotes material type, the letter "T" denotes card holder width/board thickness, the numbers "4" through "12" denotes card holder lengths, and the letter "F" denotes finish material.
- 5/ MFG CAGE 65884 catalog PIN's are the same as this CID sheet. See 1/ above.

## MILITARY INTERESTS:

Custodians:  
Navy – EC

## CIVIL AGENCY COORDINATING ACTIVITY:

GSA – 7FXE  
Preparing Activity  
DLA – CC  
Project 5998–0102–16